

CSFLD-10W-165


10 Watts Frameless Ceiling Loudspeaker



EN 54 24



- frameless design
- suitable also for very thin ceilings
- WAGO connector 221



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CE-Symbol gemäß Richtlinie 93/68EWG

APPLICATION

- Public Address and Voice Alarm
- Background Music
- Audio Visual

AREA OF USE

- Health
- Education
- Retail
- Hospitality
- Stadiums
- Transportation
- Theme parks
- Military

OVERVIEW

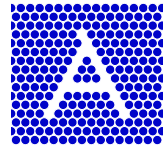
Inspired by the look of contemporary LED lights, the frameless design of the new 10W loudspeakers has all the makings of an instant classic. The 10W powered speaker is equipped with a 165mm full-range loudspeaker and a 100V transformer with 3 power adjustments. The powder coated metal in RAL 9016 guarantees long-term stability. For additional reliability the speaker is impregnated against wetness.

The speaker is also secured with protection class IP 21C against the security risks of environmental influences. Fast and easy installation by WAGO 221 connector and strong spring clamps with protective caps for vibration damping. The connecting cables can be supplied by rubber grommets in the firedome

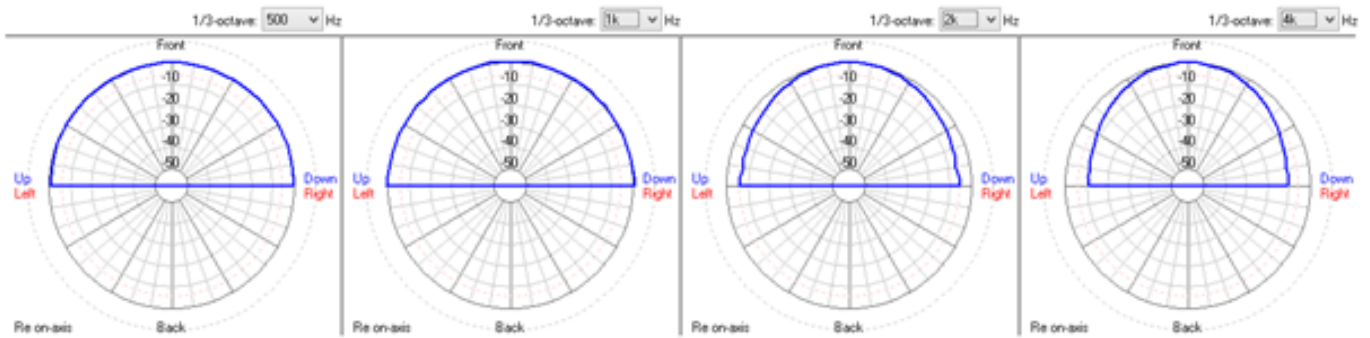
Special paint of the speaker in 4-digit RAL- or NCS- colour available at extra cost.

The firedome is included in the delivery.

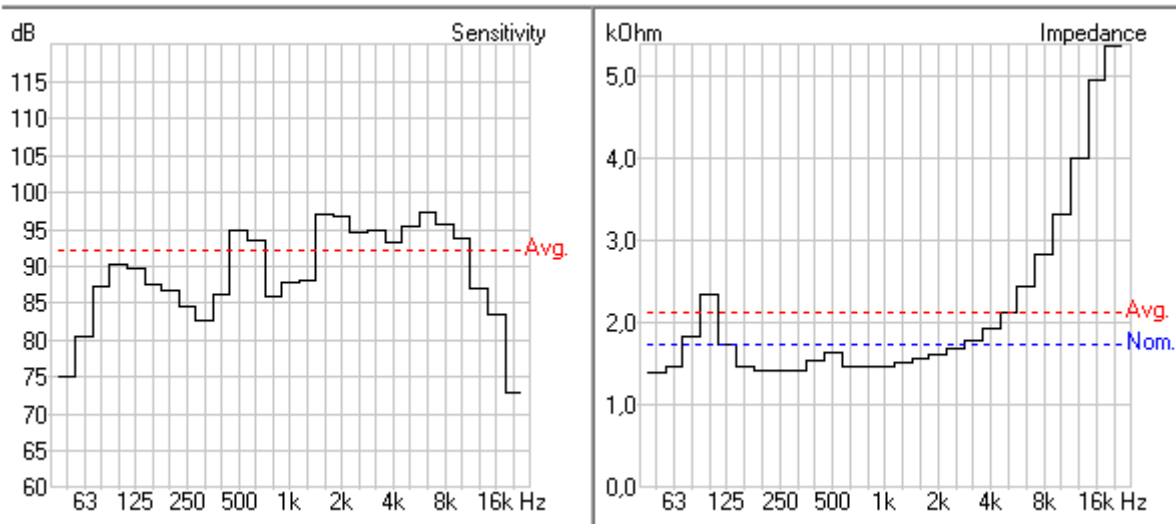
This speaker is suitable for a ceiling strength of about 1 – 45 mm. Our specification is primarily related to solid ceilings, for ceilings with soft materials a higher ceiling thicknesses could be necessary. In addition, stronger cables and other fittings may also result in changes of the appropriate setup. With regard to the variety of materials and manufacturers, we recommend to build in a sample of the speaker to match the requirements accurately.

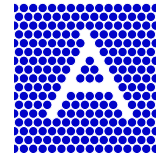


POLAR DIAGRAMS

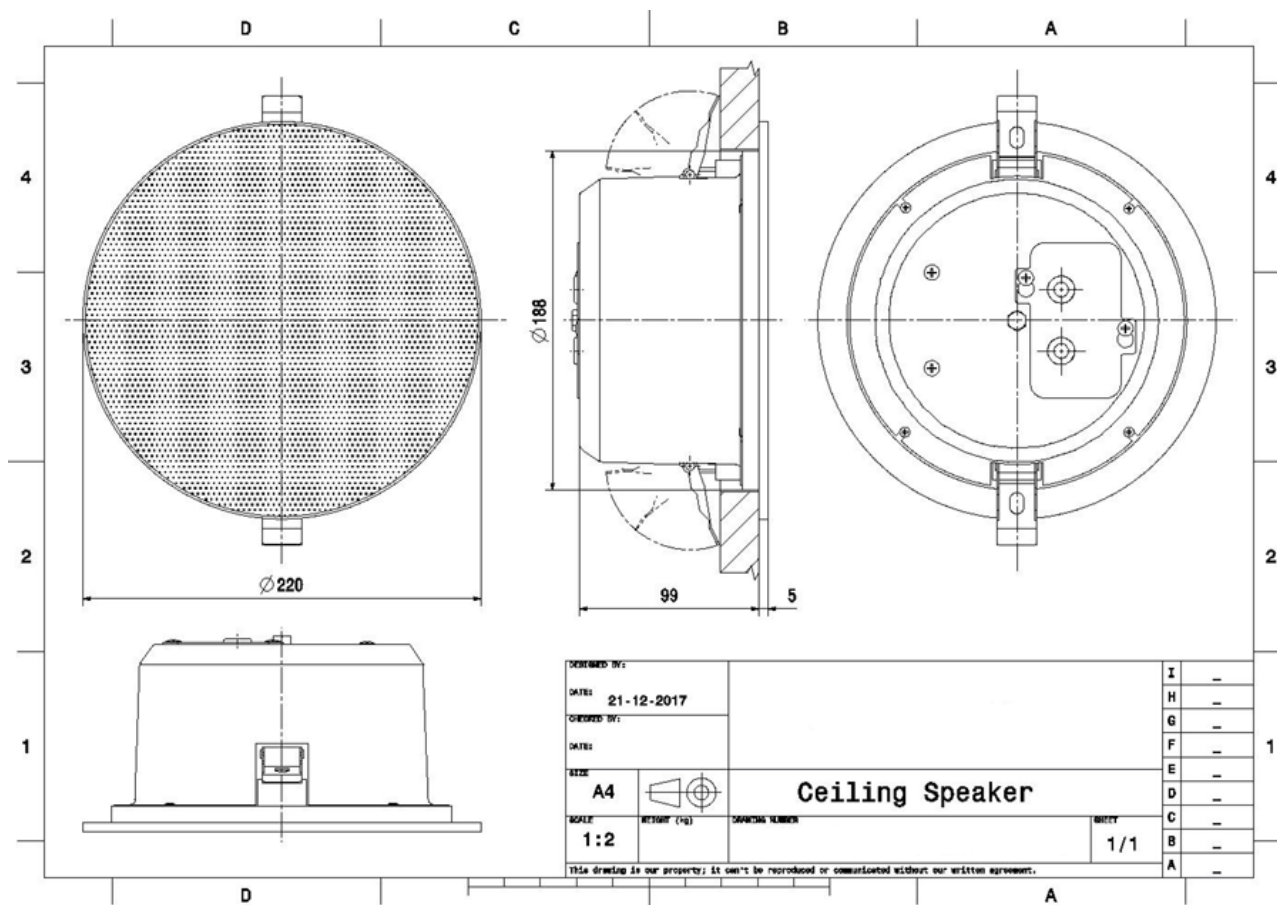


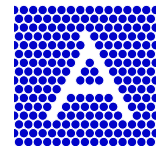
FREQUENCY RESPONSE DIAGRAMS





TECHNICAL DIAGRAMS





TECHNICAL DATA (ELECTRICAL)

Description	CSFLD-10W-165
Power	10/5/2,5W
Impedance (100V)	1000/2000/4000 ohm
Frequency Range	63 - 16.000 Hz
Frequency Response	56 - 18.000 Hz
Sensitivity, IEC268-5, 1W/1m	92,0 dB
Sensitivity EN54-24, Pmax/4m	89,0 dB
Sensitivity EN54-24, 1W/4m	81,4 dB
Sensitivity 1W/1m @ 1KHz	88 dB
Dispersion -6dB, 500Hz	h/v 180°
Dispersion -6dB, 1KHz	h/v 175°
Dispersion -6dB, 2KHz	h/v 150°
Dispersion -6dB, 4KHz	h/v 94°

TECHNICAL DATA (MECHANICAL)

Dimensions	220x104mm
IP Rating	IP21
Weight (net)	1,1 kg
Ceiling Cut-out	194 - 202 mm
Temperature range	-10 / +55 °C
Mounting	Quick fit mounting
Connector	WAGO 221 connector
Maximum cable cross section	4mm ²
Terminal diameter	2,3 mm
Colour	RAL 9016

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